



Science Toolkit: Grade 5 Objective 2.A.3.a

Student Handout: Science: Grade 5 Objective 2.A.3.a

Standard 2.0 Earth/Space Science

Topic A. Materials and Processes That Shape A Planet

Indicator 3. Explain how rock is formed from combinations of different minerals and that smaller rocks come from the breakage and weathering of bedrock (solid rock underlying soil components) and larger rocks; soil is made partly from weathered rock, partly from plant remains-and also contains many living organisms.

Objective a. Observe and classify a collection of minerals based on their physical properties.

Color

Luster

Hardness

Streak

Selected Response (SR) Item

Question

A student used the information from the table below to identify an unknown mineral.

PROPERTIES OF TWO MINERALS

Mineral	Color	Streak	Hardness	Luster
Graphite	Steel gray	Black	1–2	Metallic
Hematite	Steel gray	Red brown	5–6	Metallic or nonmetallic

Which properties would best determine the identity of the mineral?

- A. color and luster
- B. color and streak
- C. hardness and luster
- D. streak and hardness

Correct Answer

D. streak and hardness

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